



2876

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Applicants : Constantine Tsikos et al.
Application Serial No.: 10/067,140
Filing Date : February 4, 2002
Title: : PLANAR LED-BASED ILLUMINATION ARRAY
(PLIA) CHIPS
Examiner : Thien Le
Group Art Unit : 2876
Attorney Docket No. : 108-127USANB0

Honorable Commissioner of Patents
and Trademarks
Washington, DC 20231

RESPONSE TO OFFICE ACTION MAILED MARCH 4, 2004

Sir:

In response to the Office Action mailed in the present Application on March 4, 2004, Applicants submit the following amendments for entry in the same:

AMENDMENT TO THE CLAIMS:

Please amend claims 263-268 as follows:

Claims 1-262 (canceled)

Claim 263 (currently amended): An LED-based planar light illumination (PLIM) chip for use in a PLIIM-based system, comprising:

a semiconductor substrate supporting a ~~linear-type~~ light emitting diode (LED) array including ~~an a~~ a linear array of LEDs, each LED having a light emitting source;

a ~~focusing-type~~ first microlens array having an array of focusing lenslets aligned in spatial registration with said linear array of LEDs;

a ~~collimating-type~~ second microlens array having an array of collimating lenslets aligned in spatial registration with said linear array of LEDs and said array of focusing lenslets;

an IC package having a light transmission window, for containing said semiconductor substrate, said ~~focusing-type~~ first microlens array, and said ~~collimating-type~~ second microlens array,